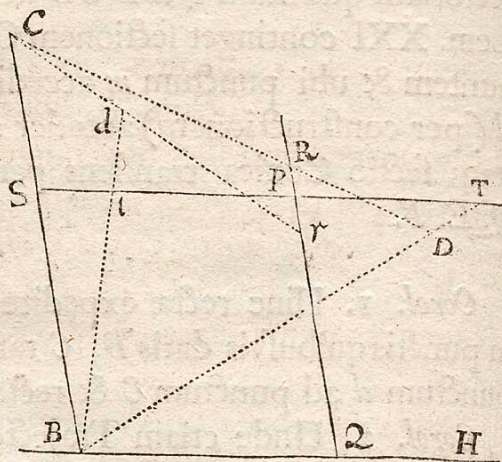
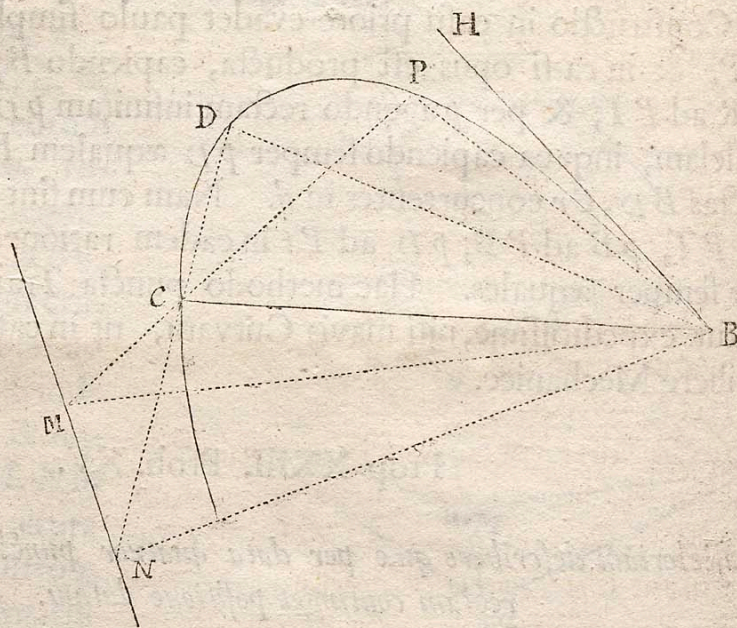


BH , & PQ parallelam BC , comple parallelogrammum $BSPQ$. Age BD secantem SP in T , & CD secantem PQ in R . Deniq; agendo quamvis tr ipsi TR parallelam, de PQ , PS abscinde Pr , Pt ipsis PR , PT proportionales respective; & actarum Cr , Bt concursus d (per Corol. 2. Lem. XX.) incidet semper in Trajectoriam describendam.



Idem aliter.

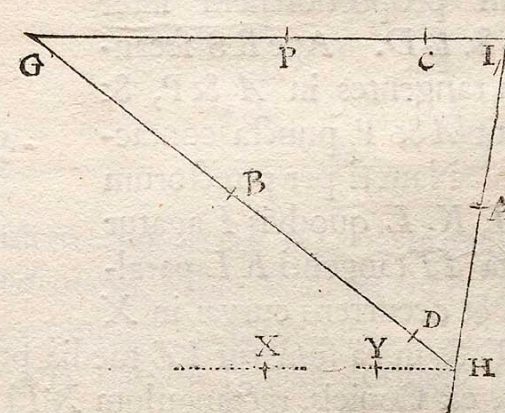
Revolvatur tum angulus magnitudine datus CBH circa polum B , tum radius quilibet rectilineus & utrinq; productus DC circa polum C . Notentur puncta M, N in quibus anguli crus BC secat radium illum ubi crus alterum BH concurrat cum eodem radio in punctis D & P . Deinde ad actam infinitam MN currant perpetuo radius ille CP vel CD & anguli crus CB , & cru-



cruris alterius BH concursus cum radio delineabit Trajectoriam quaesitam.

Nam si in constructionibus Problematis superioris accedat punctum A ad punctum B , lineae CA & CB coincident, & linea AB in ultimo suo situ fiet tangens BH , atq; adeo constructiones ibi positae evadent eadem cum constructionibus hic descriptis. Delineabit igitur cruris BH concursus cum radio sectionem Conicam per puncta C, D, P transeuntem, & rectam BH tangentem in puncto B . $Q.E.F.$

Cas. 2. Dentur puncta quatuor B, C, D, P extra tangentem HI sita. Junge bina BD, CP concurrentia in G , tangentiq; occurrentia in H & I . Secetur tangens in A , ita ut sit HA ad AI , ut est rectangulum sub media proportionali inter BH & HD & media proportionali inter CG & GP , ad rectangulum sub media proportionali inter PI & IC & media proportionali inter DG & GB , & erit A punctum contactus. Nam si rectae PI parallela HX trajectoriam secet in punctis quibuscvis X & Y : erit (ex Conicis) HA quad. ad AI quad. ut rectangulum XHY ad rectangulum BHD (seu rectangulum CGP ad rectangulum DGB) & rectangulum BHD ad rectangulum $PI C$ conjunctim. Invento autem contactus puncto A , describetur Trajectoria ut in casu primo. $Q.E.F.$ Capi autem potest punctum A vel inter puncta H & I , vel extra; & perinde Trajectoria dupliciter describi.



M 2

Prop.